**Student worksheet 2: The formation of sedimentary rocks**

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| **Process** | **How does it occur?** | |
| **In the model** | **in real life** |
| **Weathering** |  |  |
| **Erosion** |  |  |
| **Deposition (sedimentation)** |  |  |
| **Compaction and cementation** |  |  |

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| To complete this worksheet you will need access to books and/or the internet. Some useful web links are listed below.  <https://www.geolsoc.org.uk/ks3/gsl/education/resources/rockcycle/page3446.html>  <https://www.learner.org/interactives/rockcycle/change3.html> This interactive will not work on an iPad.  <https://www.learner.org/interactives/rockcycle/types.html> This interactive will not work on an iPad. |

1. Write a description of sedimentary rocks.

1. Give two examples of sedimentary rocks.

1. Summarise the types of weathering in the table below.

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| **Type of weathering** | **Definition** | **Where does it occur?** | **How does It occur?** |
| Physical weathering |  |  |  |
| Chemical weathering |  |  |  |
| Biological weathering |  |  |  |

1. Describe the four methods by which erosion can occur.

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| Gravity |  | Water |  |
| Wind |  | Ice |  |